

Remark

Applicants respectfully request reconsideration of this application as amended. Claims 1, 16, 25, 28, 47, 57, 33, 41, 47, 57, 61 and 64 have been amended. No claims have been cancelled. Therefore, claims 1-68 are present for examination.

35 U.S.C. §102 Rejection

Chuah et al.

The Examiner has rejected claims 1-68 under 35 U.S.C. §102 (e) as being anticipated by Chuah et al., U.S. Patent No. 6,400,695 B1 ("Chuah"). Chuah describes two different systems. The primary system (to which the invention is directed) is described, e.g. in Column 4, lines 54 et seq. In this system, the broadcast channel BCCH provides a complete description of all of the traffic and random access channels. There is no suggestion in this system that any further information be provided in response to a request burst from a user terminal.

Another type of system is a reservation-based protocol described in Column 3, lines 53-67. Chuah describes simply that a remote terminal receives an allocation of slots in response to a request. Chuah says nothing about how the remote terminal learns of the structure, carriers and timing for the slots. This is typically learned from the BCCH in the way described with respect to Column 4. As a result, the two systems are compatible and can be combined.

In the present invention, a minimal broadcast channel is used. This may not allow for the remote terminal to receive all of the necessary information about the carriers, channels, slots, etc. used in the system from the broadcast channel. Instead, this information can be transmitted in a subsequent user-directed burst, such as the CM described in the application.

Claim 1, as amended, recites “a message burst from the base station to the user terminal... including a description of the channels of the radio communications system for communicating with the user terminals.” In Chuah, the channels have all been fully defined and described by the BCCH. (This is the typical process for UMTS.) The remote terminal only receives an allocation of some of the earlier described data slots. There is no suggestion that these slots are described in any way, only that the allocated ones are identified. Similar clarifying amendments have been made to the other independent claims. Accordingly, all of the claims are now believed to be in condition for allowance.

The Examiner refers to column 3, lines 55-60 as disclosing that a description of the available channels includes an identification of the traffic channels of the system. However, this section is only a short description of a reservation-based protocol. Chuah states only that “the user will be allocated a certain number of data slots.” While Chuah describes the channels at lines 55-61, there is nothing to suggest that the user will be sent such a description of the channels.

For indications of power levels, the Examiner refers to Column 15, lines 60-65. However, this section only states that an uplink power level is established. There is no specific reference to how the level is established.

For a burst having a timing relationship with the broadcast channel, the Examiner refers to Col. 3, lines 55-65. However, there is no discussion in this section of how the timing is established nor of it being related to the timing of a broadcast channel bursts.

For the broadcast burst having information related to the current traffic load, the Examiner refers to Col. 16, lines 25-45. However, Applicants can find no mention of the broadcast burst in this section.

For transmitting bursts spatially directed toward a user terminal, the Examiner refers to col. 13, lines 30-55. Applicants are unable to find any mention of spatially directed transmissions in that section.

For these teachings, which Applicants have been unable to find, Applicants respectfully request a telephone conference with the Examiner to aid Applicants in identifying the cited teachings.

Conclusion

Applicants respectfully submit that the rejections have been overcome by the amendment and remark, and that the claims as amended are now in condition for allowance. Accordingly, Applicants respectfully request the rejections be withdrawn and the claims as amended be allowed.

Invitation for a Telephone Interview

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

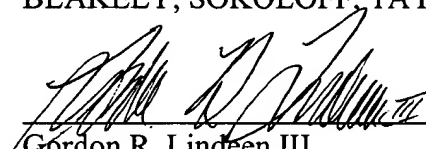
Request for an Extension of Time

Applicants respectfully petition for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension. Charge our Deposit Account.

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Gordon R. Lindeen III
Reg. No. 33,192

12400 Wilshire Boulevard
7th Floor
Los Angeles, California 90025-1026
(303) 740-1980

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